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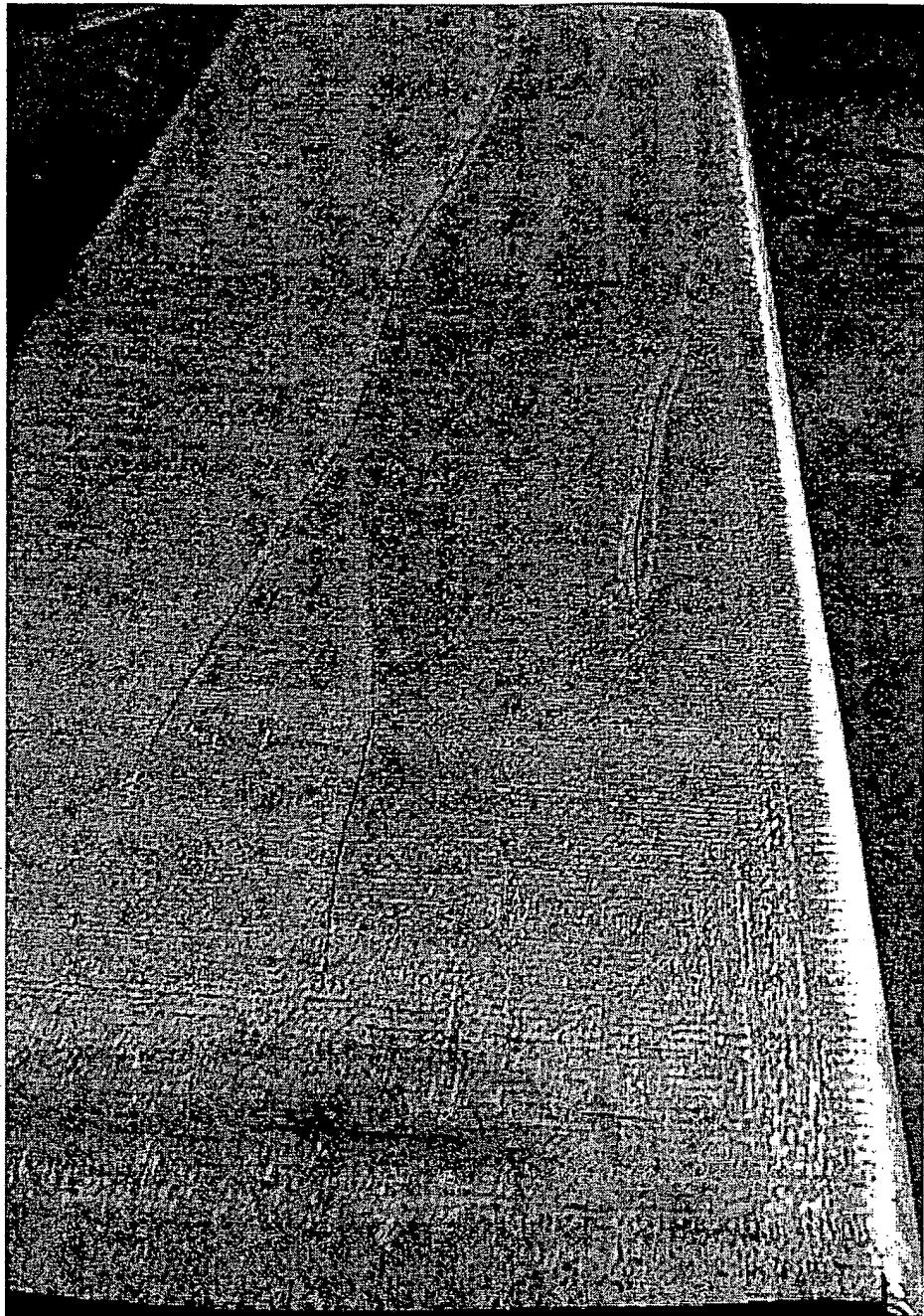
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**Fig. 1**

**PRIOR ART**

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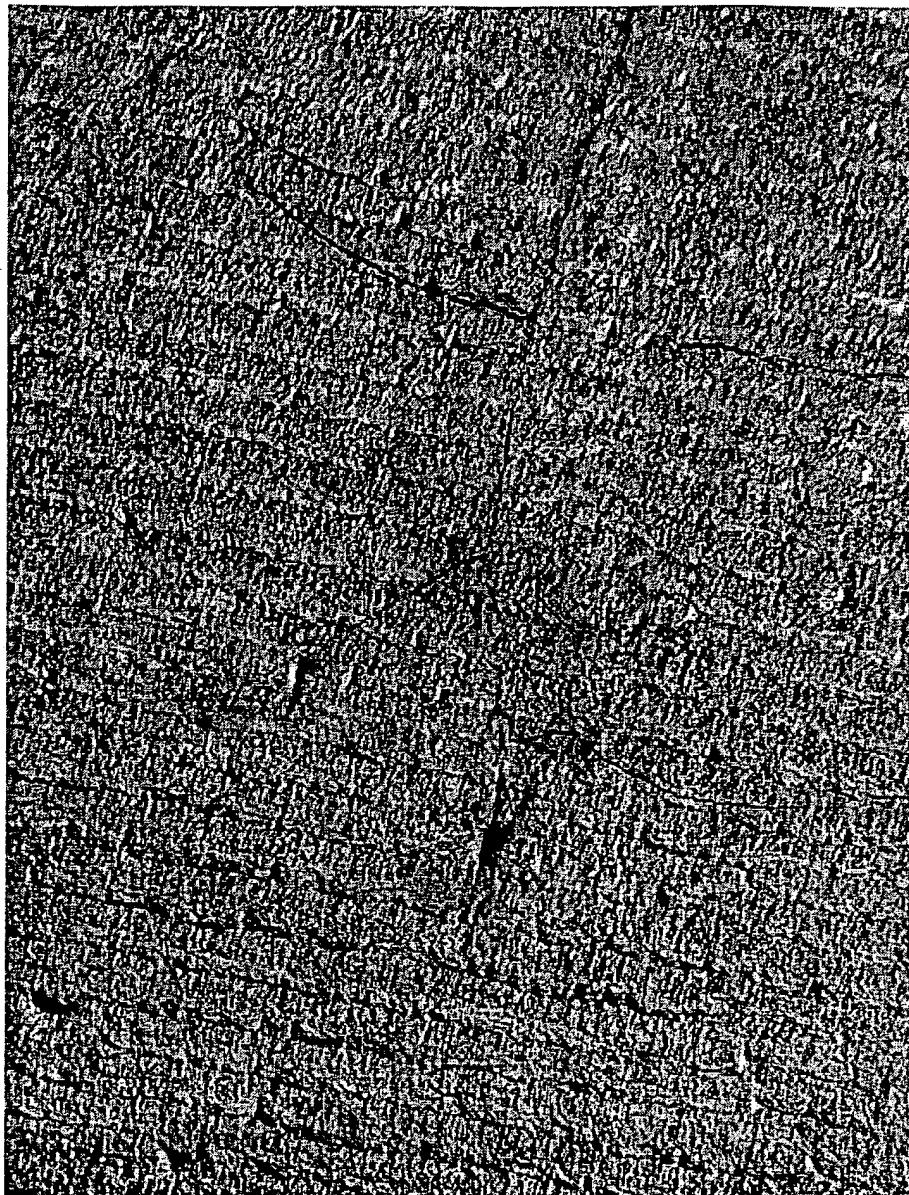


Fig. 2

**PRIOR ART**

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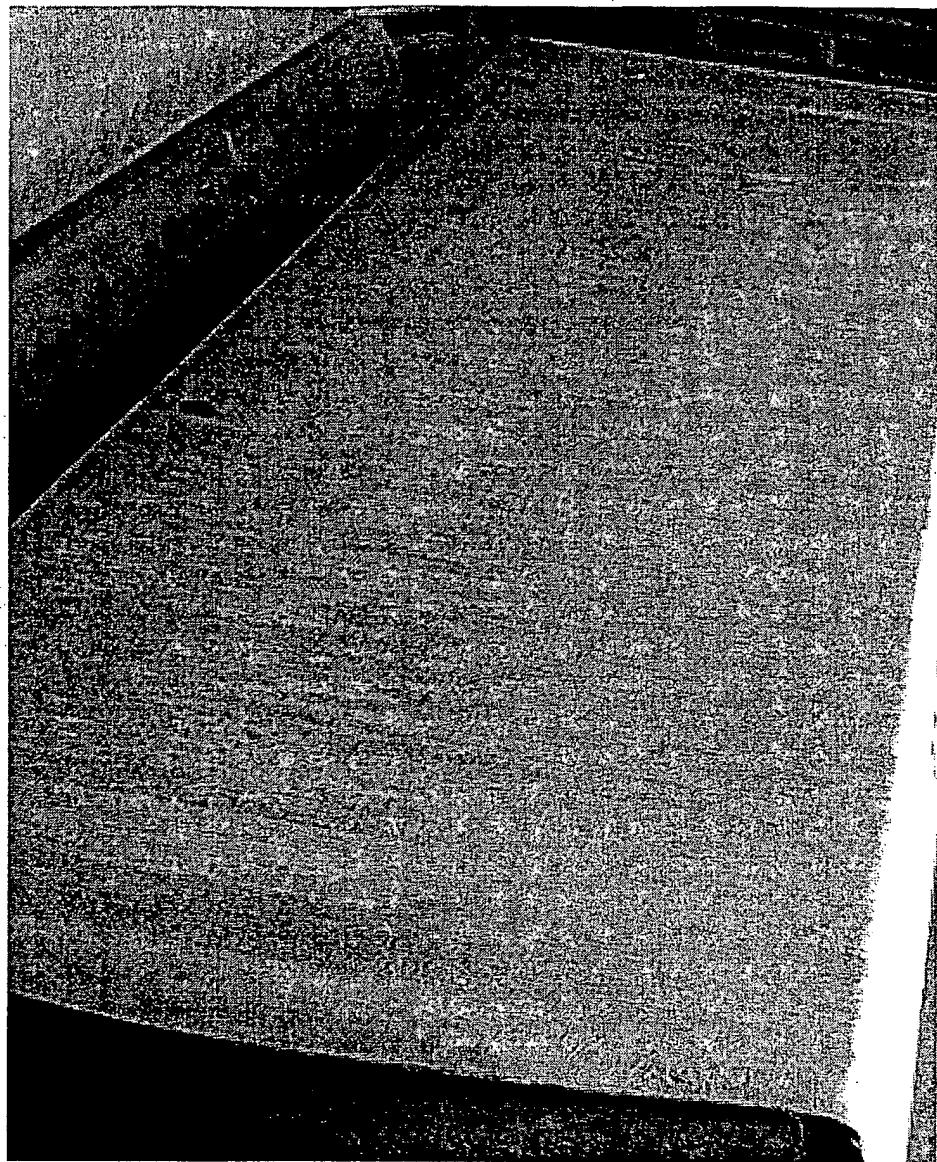


Fig. 3

**PRIOR ART**

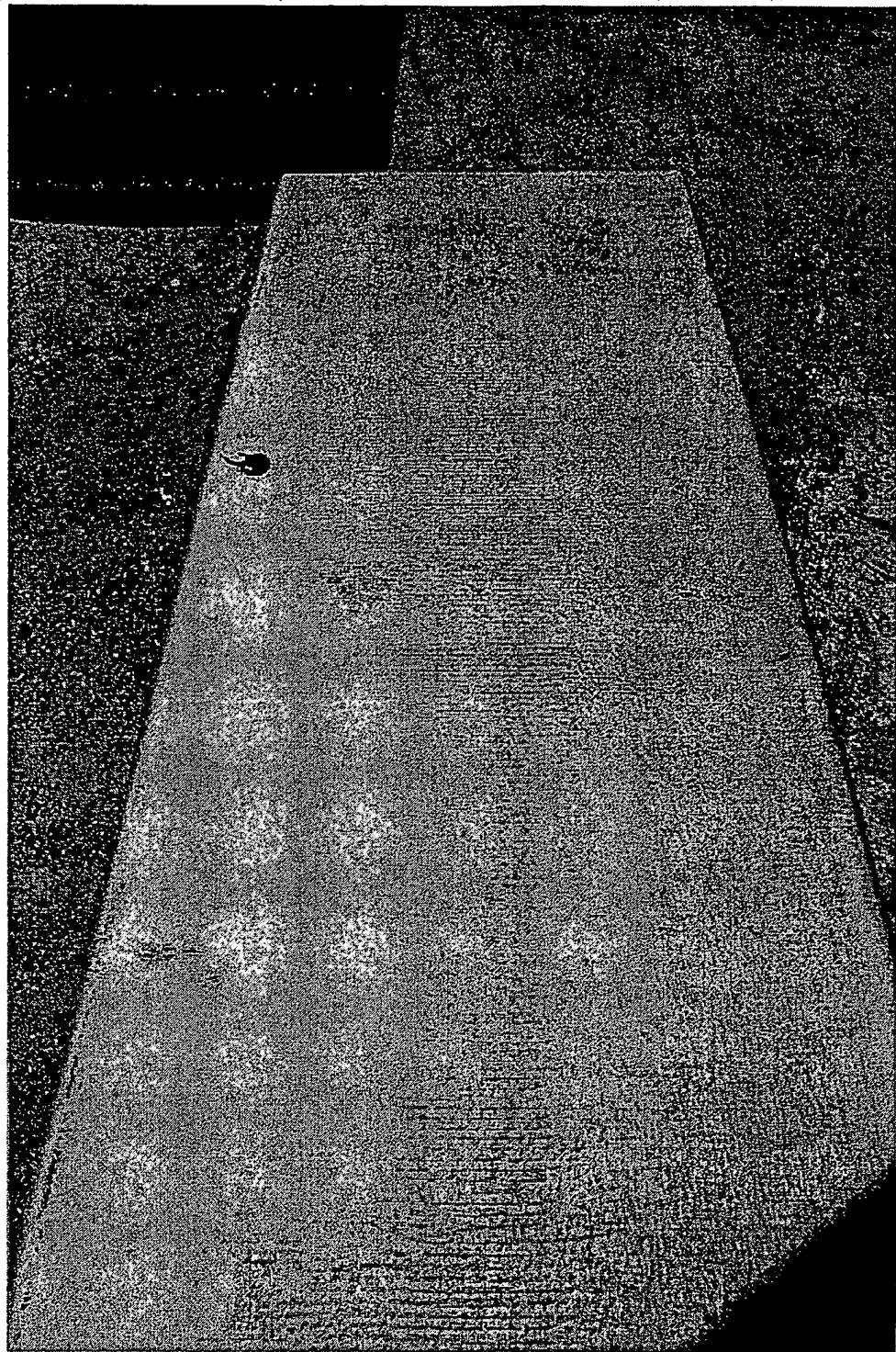
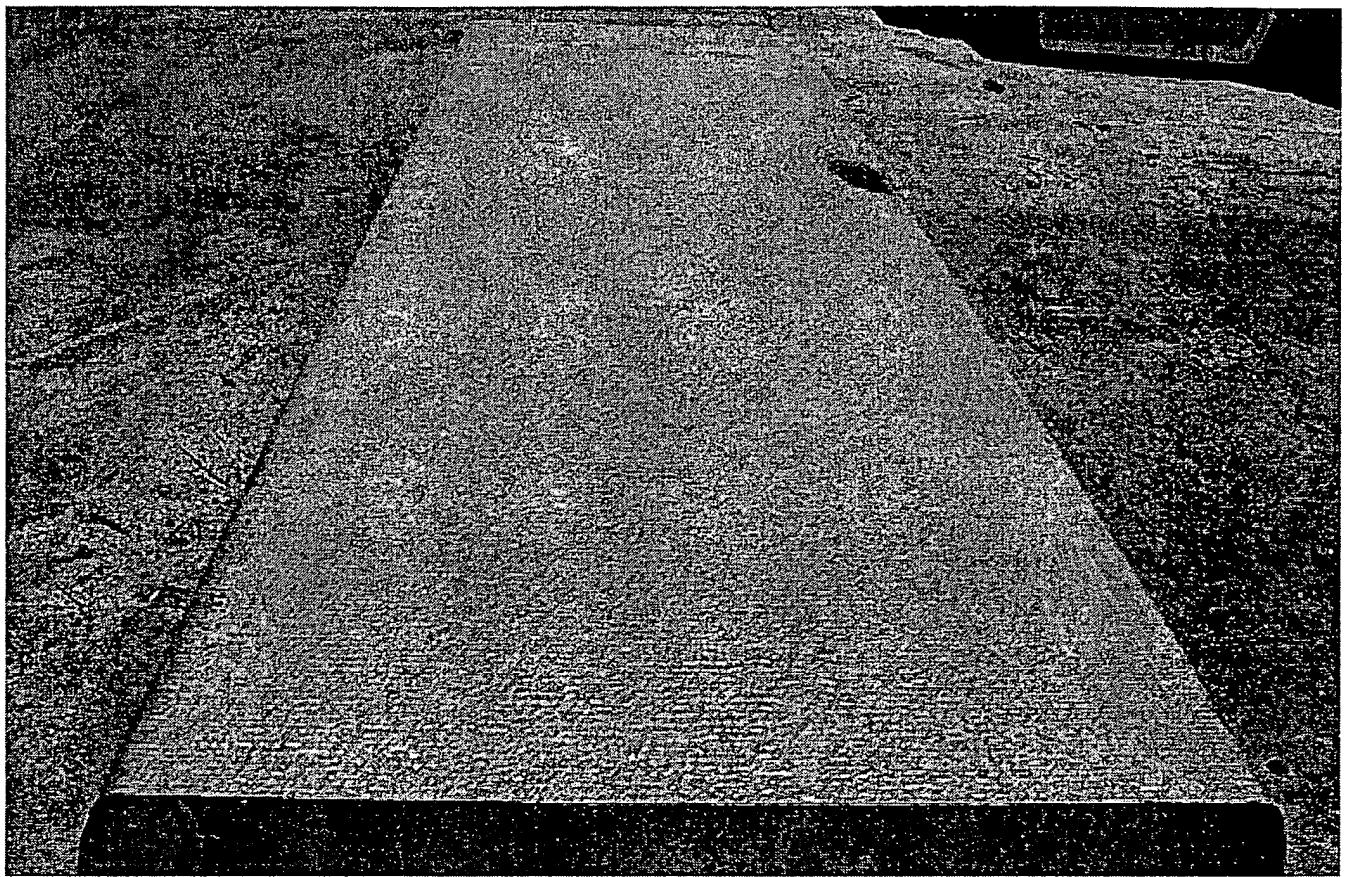


Fig. 4



**Fig. 5**

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**Effect of Calcium on 7050 Ingot Cracking - No Beryllium  
Grain Refined with Ti-B**

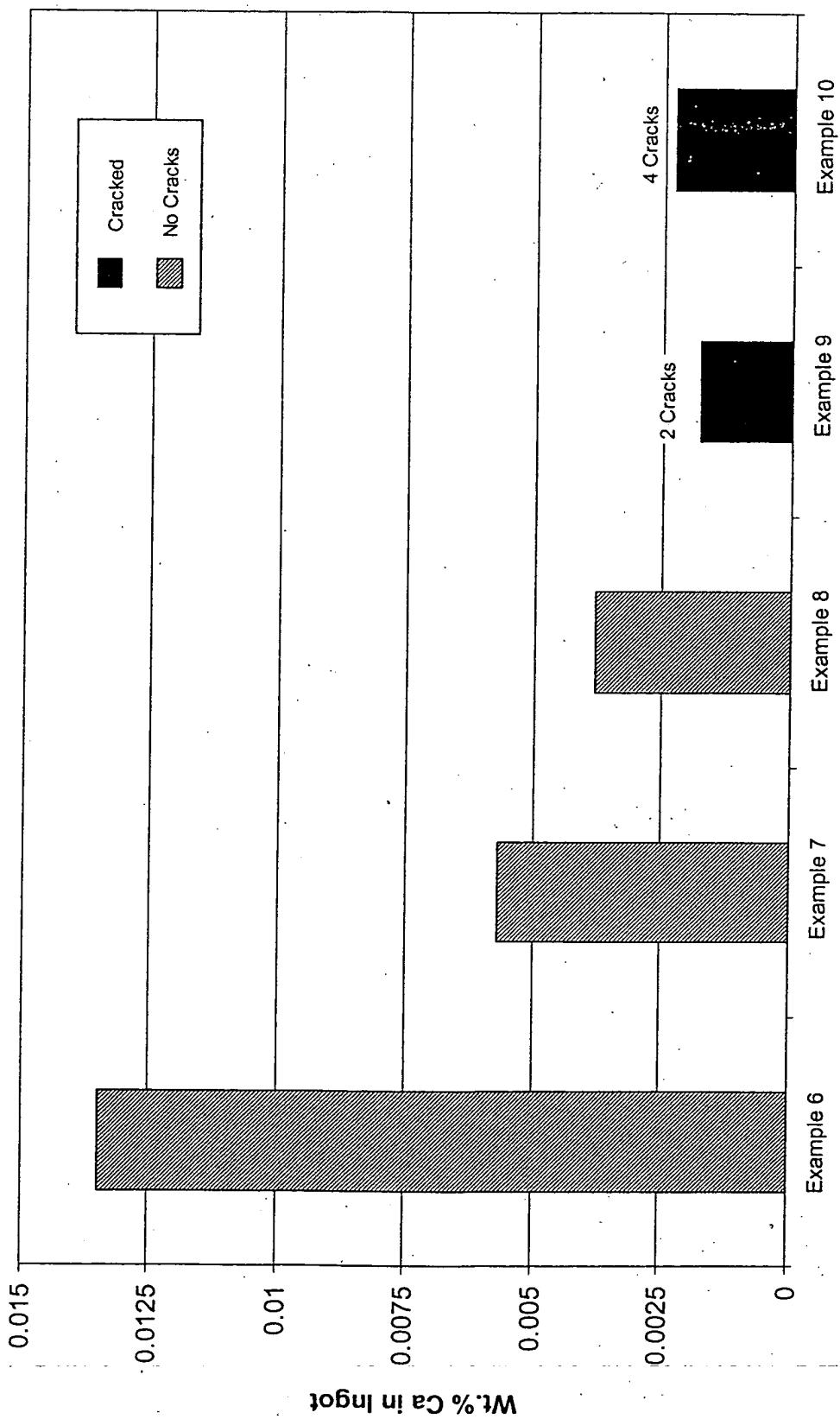


Fig. 6a

**Effect of Calcium on 7050 Ingot Cracking - No Beryllium  
Grain Refined with Ti-C**

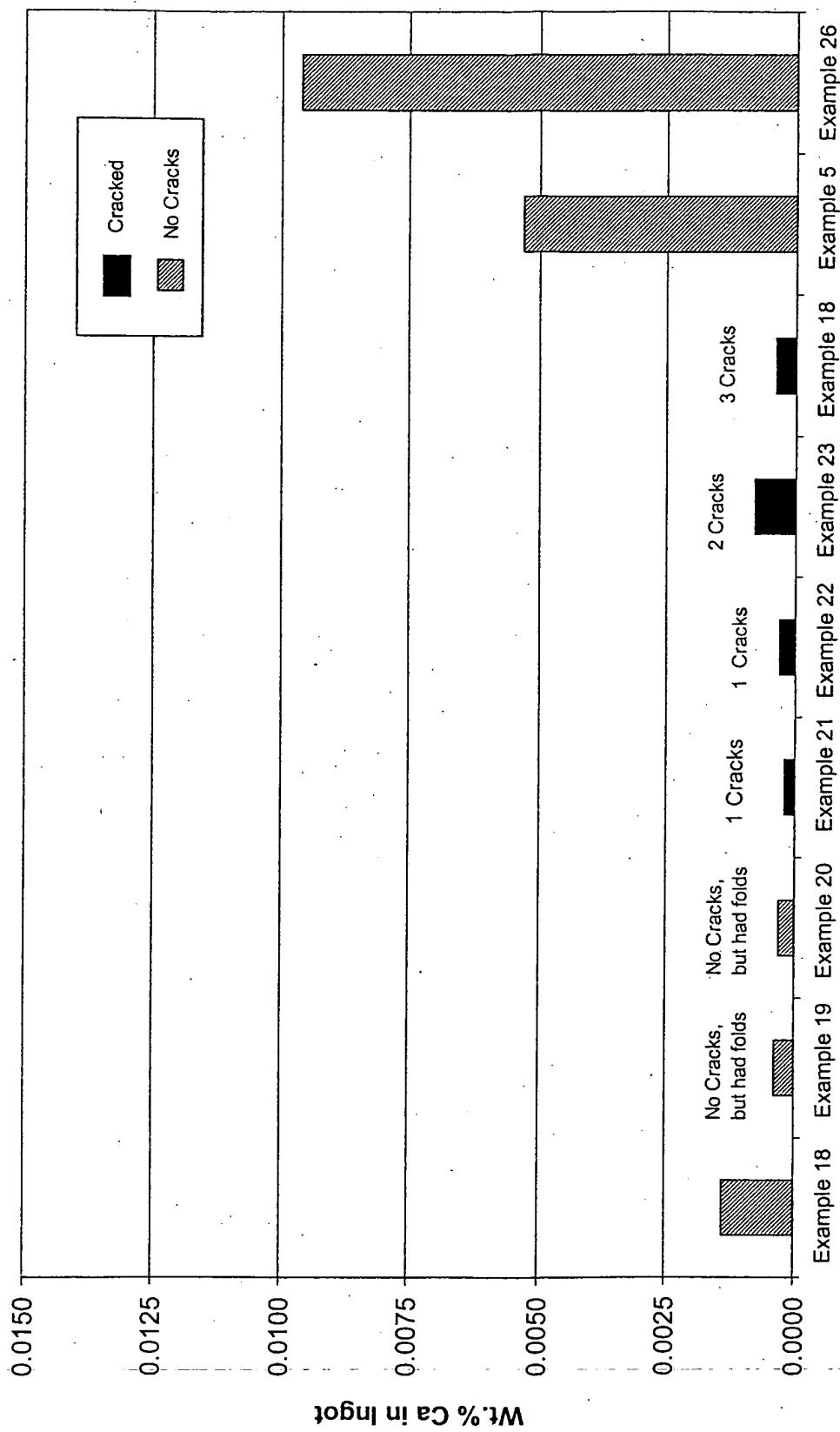


Fig. 6b

Example 5   Example 18   Example 19   Example 20   Example 21   Example 22   Example 23   Example 24   Example 25   Example 26

## *The Effect of Additives on Al-5Mg Melt Oxidation*

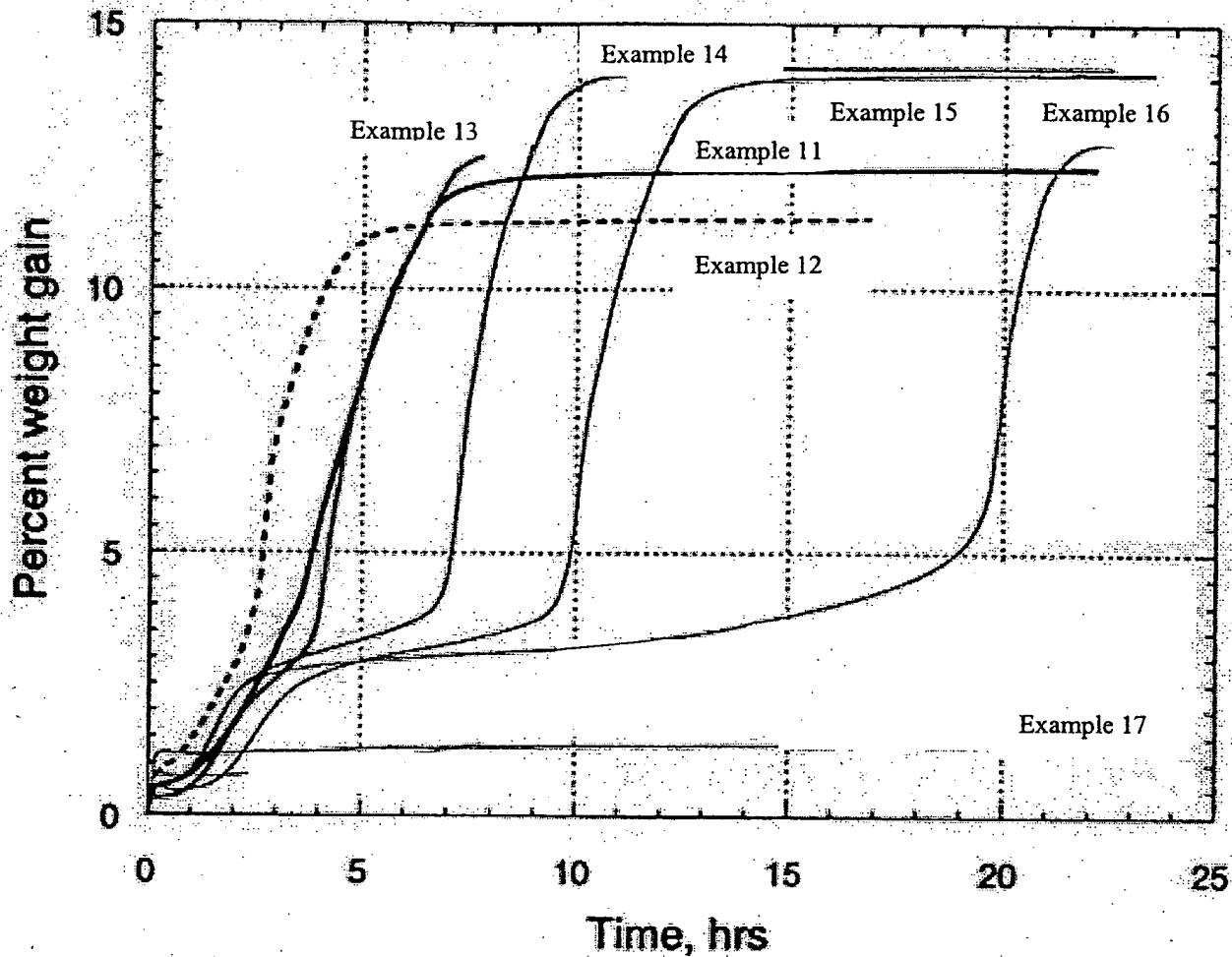


Fig. 7